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# United States Department of Agriculture.

BUREAU OF STATISTICS—Circular No. 15.

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U. S. DEPARTMENT OF AGRICULTURE,  
BUREAU OF STATISTICS,

*Washington, D. C., December 17, 1903.*

SIR: I have the honor to transmit herewith a paper entitled "Foreign Trade in Farm and Forest Products, 1903," prepared by Mr. George K. Holmes, Chief of the Division of Foreign Markets, and to recommend its publication as Circular No. 15, of this Bureau.

Acknowledgment is due to the Chief of the Bureau of Statistics, Department of Commerce and Labor, for supplying some of the statistics in advance of publication by that Bureau, thus making it possible to publish this information much earlier than heretofore.

Very respectfully,

E. S. HOLMES, JR.,  
*Acting Statistician.*

HON. JAMES WILSON,  
*Secretary of Agriculture.*

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## FOREIGN TRADE IN FARM AND FOREST PRODUCTS, 1903.

### DOMESTIC EXPORTS.

With a total value of \$878,479,451, the domestic exports of the farm products of this country reached a higher figure in the year ended June 30, 1903, than was ever before reached in one year, excepting 1901. This amount is larger than the average of the preceding five years by \$17,441,636, and higher than the average of the next preceding five years, 1893-1897, by \$262,404,504.

The products of the forest that went into domestic exports in the last fiscal year were valued at \$58,281,124, an amount larger than that of 1901 (the highest preceding year) by \$2,911,963, higher than the average of the five years 1898-1902 by \$10,632,594, and higher than the average of the preceding five years by \$26,498,196.

Upon combining the domestic exports of farm and forest products, the total for the last fiscal year is found to be \$936,760,575, which was exceeded only by the year 1901.

Of the total domestic exports, those of farm products during the last fiscal year constituted 63.1 per cent, or about the percentage of the preceding four years. The domestic exports of forest products are 4.2 per cent of the domestic exports of all products, and the combination of farm and forest products gives 67.3 per cent, or a little more than two-thirds of all the domestic exports of the country.

## IMPORTS.

In the matter of imports, the fiscal year 1903 was a record year for farm products, their value being \$456,199,325, compared with which is the preceding five years' average, \$379,124,315, and the average of the next preceding five years, 1893-1897, which was \$391,166,925.

In forest products, too, the fiscal year 1903 was a record year for imports, their value being \$71,478,022, a large increase over the average of the preceding five years, \$55,205,996.

Taken together, the imports of farm and forest products during the last fiscal year were valued at \$527,677,347.

Of the total imports of the fiscal year 1903, 44.5 per cent were farm products, a smaller percentage than for any of the preceding ten years. The forest products constituted 7 per cent of the total imports, or a little under the percentage of the preceding five years. Upon combining the imports of farm and forest products, the percentage of total imports is 51.4, the lowest of the last eleven years.

## EXCESS OF EXPORTS.

In consequence of the immense surplus of farm products above the consumption of this country, the domestic exports of these products exceeded the imports of the same class by \$422,280,126, a balance that was exceeded during every one of the five fiscal years 1898-1902. The balance is against this country in the trade in forest products, the adverse balance for the last fiscal year being \$13,196,898. The net balance of trade in favor of this country in farm and forest products combined amounted to \$409,083,228.

*Relative magnitude and balance of trade of imports and domestic exports of farm and forest products, 1893 to 1903.*

Year ended June 30—	Farm products.						
	Imports.			Domestic exports.			Excess of domestic exports over imports of farm products.
	Total, including farm and forest products.	Farm products.	Per cent of total.	Total, including farm and forest products.	Farm products.	Per cent of total.	
	Dollars.	Dollars.		Dollars.	Dollars.		
1893.....	866,400,922	425,657,448	49.1	831,030,785	621,201,671	74.8	195,544,223
1894.....	654,994,622	365,160,319	55.8	869,204,987	636,633,747	73.2	271,473,428
1895.....	731,969,965	373,115,985	51.0	793,392,599	558,385,861	70.4	185,269,876
1896.....	779,724,674	391,029,407	50.1	863,200,487	574,398,264	66.5	183,368,857
1897.....	764,730,412	400,871,468	52.4	1,032,007,603	689,755,193	66.8	288,883,725
Annual average, 1893-1897.....	759,564,119	391,166,925	51.5	877,767,282	616,074,947	70.2	224,908,022
1898.....	616,049,654	314,291,796	51.0	1,210,291,913	859,018,946	71.0	544,727,150
1899.....	697,148,489	355,514,881	51.0	1,208,931,222	792,811,733	65.9	437,296,852
1900.....	849,941,184	420,139,288	49.4	1,370,763,571	844,616,530	61.6	424,477,242
1901.....	823,172,165	391,931,051	47.6	1,460,462,806	951,628,331	65.2	559,697,280
1902.....	903,320,948	413,744,557	45.8	1,355,481,861	857,113,533	63.2	443,368,976
Annual average, 1898-1902.....	777,926,488	379,124,315	48.7	1,320,186,275	861,037,815	65.2	481,913,500
1903.....	1,025,719,237	456,199,325	44.5	1,392,231,302	878,479,451	63.1	422,280,126

*Relative magnitude and balance of trade of imports and domestic exports of farm and forest products, 1893 to 1903—Continued.*

Year ended June 30—	Forest products.				
	Imports.		Domestic exports.		Excess of imports over domestic exports.
	Amount.	Per cent of total.	Amount.	Per cent of total.	
	<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
1893.....	49,720,275	5.7	28,127,281	3.4	21,592,994
1894.....	39,683,781	6.1	28,001,461	3.2	11,682,320
1895.....	43,302,134	5.9	28,576,680	3.6	14,725,454
1896.....	45,696,324	5.9	33,718,790	3.9	11,977,534
1897.....	44,791,463	5.9	40,490,428	3.9	4,290,935
Annual average, 1893-1897.....	44,638,795	5.9	31,782,928	3.6	12,855,867
1898.....	45,751,938	7.4	38,439,418	3.2	7,312,520
1899.....	53,314,266	7.6	42,828,732	3.6	10,485,534
1900.....	60,633,078	7.1	52,676,575	3.8	7,956,503
1901.....	57,143,650	6.9	55,369,161	3.8	1,774,489
1902.....	59,187,049	6.6	48,928,764	3.6	10,258,285
Annual average, 1898-1902.....	55,205,996	7.1	47,648,530	3.6	7,557,466
1903.....	71,478,022	7.0	58,281,124	4.2	13,196,898

  

Year ended June 30—	Farm and forest products.				
	Imports.		Domestic exports.		Excess of domestic exports over imports.
	Amount.	Per cent of total.	Amount.	Per cent of total.	
	<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
1893.....	475,377,723	54.9	649,328,952	78.1	173,951,229
1894.....	404,844,100	61.8	664,635,208	76.5	259,791,108
1895.....	416,418,119	56.9	586,962,541	74.0	170,544,422
1896.....	436,725,731	56.0	608,117,054	70.4	171,391,323
1897.....	445,662,931	58.3	730,245,621	70.8	284,582,690
Annual average, 1893-1897.....	435,805,721	57.4	647,857,875	73.8	212,052,154
1898.....	360,043,734	58.4	897,458,364	74.2	537,414,630
1899.....	408,829,147	58.6	835,640,465	69.4	426,811,318
1900.....	480,772,366	56.6	897,293,105	65.5	416,520,739
1901.....	449,074,701	54.6	1,006,997,492	69.0	557,922,791
1902.....	472,931,606	52.4	906,042,297	66.8	433,110,691
Annual average, 1898-1902.....	434,330,311	55.8	908,686,345	68.8	474,356,034
1903.....	527,677,347	51.4	936,760,575	67.3	409,083,228

THE FARMERS' BALANCE OF TRADE.

[Extract from the Report of the Secretary of Agriculture, 1903.]

The immense exports from the farms of the country lead to an examination of the so-called balance of trade. This examination reveals what seems to have escaped the attention of the public, and that is, that the favorable balance of trade, everything included, is due to the still more favorable balance of trade in the products of the farm.

During the thirteen years 1890-1902 the average annual excess of domestic exports over imports amounted to \$275,000,000, and during the same time the annual average in favor of farm products was \$337,000,000, from which it is apparent that there was an average annual adverse balance of trade in products other than those of the farm amounting to \$62,000,000, which the farmers offset and had left \$275,000,000 to the credit of themselves and the country.

Taking the business of 1903, the comparison is much more favorable to the farmers than during the preceding thirteen-year period, since the value of domestic exports



over imports was \$367,000,000, the entire trade being included, while the excess for farm products was \$422,000,000, which was sufficient not only to offset the unfavorable balance of trade of \$56,000,000 in products other than those of the farm, but to leave, as above stated, the enormous favorable balance of \$367,000,000.

During the last fourteen years there was a balance of trade in favor of farm products, without excepting any year, that amounted to \$4,806,000,000. Against this was an adverse balance of trade in products other than those of the farm of \$865,000,000, and the farmers not only canceled this immense obligation, but had enough left to place \$3,940,000,000 to the credit of the nation when the books of international exchange were balanced.

These figures tersely express the immense national reserve-sustaining power of the farmers of the country under present quantities of production. It is the farmers who have paid the foreign bondholders.

#### IMPORTANT IMPORTS.

The increased imports of farm products in 1903 over 1902 are more specially due to sugar and molasses, silk, tea, and wool; and the increase in imports of forest products is found chiefly in india rubber and various gums. By far the principal decrease in imports among the various classes is found in coffee, the amount of decrease being \$11,781,406.

*Principal groups of IMPORTS of farm and forest products, 1902 and 1903.*

Imported products.	Year ended June 30—		Increase in 1903.	Decrease in 1903.
	1902.	1903.		
ANIMAL MATTER.				
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Animals, live .....	4,624,531	4,533,845	.....	90,686
Bristles .....	2,047,331	2,654,604	607,273	.....
Dairy products .....	2,665,548	3,277,484	611,936	.....
Feathers and downs, crude .....	2,032,566	2,476,659	444,093	.....
Fibers, animal:				
Silk .....	42,635,351	50,011,050	7,375,699	.....
Wool .....	17,711,788	22,152,961	4,441,173	.....
Total animal fibers .....	60,347,139	72,164,011	11,816,872	.....
Hair .....	1,980,319	2,702,734	722,415	.....
Hides and skins, other than furs .....	58,006,618	58,031,613	24,995	.....
Meat and meat products .....	3,305,726	4,602,316	1,296,590	.....
Other animal matter .....	2,123,421	2,513,970	390,549	.....
Total animal matter .....	137,133,199	152,957,236	15,824,037	.....
VEGETABLE MATTER.				
Argols, or wine lees .....	2,263,588	2,734,027	470,439	.....
Cocoa and chocolate .....	7,053,961	8,257,441	1,203,480	.....
Coffee .....	70,982,155	59,200,749	.....	11,781,406
Fibers, vegetable .....	43,258,132	45,355,104	2,096,972	.....
Fruits and nuts .....	21,480,525	23,726,636	2,246,111	.....
Grain and grain products .....	1,557,286	2,407,968	870,682	.....
Hay .....	381,417	2,238,109	1,856,692	.....
Hops .....	833,702	1,808,491	974,789	.....
Indigo .....	1,035,980	1,202,451	166,471	.....
Licorice root .....	1,926,903	1,545,167	.....	381,736
Liquors, alcoholic .....	15,246,640	17,171,617	1,924,977	.....
Nursery stock (plants, trees, shrubs, vines, etc.) .....	1,172,570	1,373,198	200,628	.....
Oils, vegetable .....	8,718,591	11,643,691	2,925,100	.....
Opium, crude .....	1,216,202	1,019,909	.....	196,293
Rice, rice meal, etc. ....	2,926,921	3,061,473	134,552	.....
Seeds .....	3,252,152	2,831,279	.....	420,873
Spices .....	3,685,242	4,815,125	1,129,883	.....
Sugar and molasses .....	56,098,793	73,213,683	17,114,890	.....
Tea .....	9,390,128	15,659,229	6,269,101	.....

Principal groups of **IMPORTS** of farm and forest products, 1902 and 1903—Continued.

Imported products.	Year ended June 30—		Increase in 1903.	Decrease in 1903.
	1902.	1903.		
VEGETABLE MATTER—continued.				
Tobacco.....	<i>Dollars.</i> 15,211,671	<i>Dollars.</i> 17,234,915	<i>Dollars.</i> 2,023,244	.....
Vanilla beans.....	859,399	1,032,654	173,255	.....
Vegetables.....	7,039,835	4,581,355	.....	2,458,480
Other vegetable matter, excluding forest products.....	1,089,565	1,127,818	88,253	.....
Total vegetable matter, excluding forest products.....	276,611,358	303,242,089	26,630,731	.....
FOREST PRODUCTS:				
Cork wood or cork bark.....	1,816,107	1,737,366	.....	78,741
Dyewoods and extracts of.....	1,158,904	1,417,770	258,866	.....
Gums, not elsewhere specified—				
Copal, cowrie and dammar.....	2,261,206	2,938,754	677,548	.....
Gambier, or terra japonica.....	1,162,233	2,054,511	872,278	.....
Shellac.....	1,605,068	2,713,687	1,108,619	.....
Other.....	2,715,676	2,907,695	192,019	.....
Total gums, n. e. s.....	7,744,183	10,594,647	2,850,464	.....
India rubber.....	24,899,230	30,436,710	5,537,480	.....
Wood, not elsewhere specified—				
Cabinet woods, unsawed—				
Mahogany.....	2,361,483	2,783,679	422,196	.....
Other.....	999,792	1,251,621	251,829	.....
Total cabinet woods, unsawed.....	3,361,275	4,035,300	674,025	.....
Lumber—				
Boards, deals, planks, and other sawed lumber.....	9,271,090	10,673,317	1,402,227	.....
Shingles.....	1,362,821	1,494,906	132,085	.....
Other.....	1,380,973	1,753,532	372,559	.....
Total lumber.....	12,014,884	13,921,755	1,906,871	.....
Other.....	4,244,653	4,300,794	56,141	.....
Total wood, n. e. s.....	19,620,812	22,257,849	2,637,037	.....
Wood pulp.....	2,059,092	3,387,770	1,328,678	.....
All other.....	1,888,721	1,645,910	.....	242,811
Total forest products.....	59,187,049	71,478,022	12,290,973	.....
Total vegetable matter, including forest products.....	335,798,407	374,720,111	38,921,704	.....
Total animal and vegetable matter, excluding forest products.....	413,744,557	456,199,325	42,454,768	.....
Total imports of farm and forest products..	472,931,606	527,677,347	54,745,741	.....

## PROMINENT CLASSES OF EXPORTS.

The detailed table of exports embraced in this circular has been condensed to prominent classes in the accompanying table. From an inspection of this condensed table, the more conspicuous increases and decreases of 1903 compared with 1902 may readily be noticed. Nearly the entire increase of exports of farm products is found in the exports of cotton, and considerable offsets to decreases are found in fruits and nuts, tobacco, and grain and grain products. The prominent decreases, in order of importance, were in meats and meat products, live animals, dairy products, and hay.

Principal groups of domestic **EXPORTS** of farm and forest products, 1902 and 1903.

Exported products.	Year ended June 30—		Increase in 1903.	Decrease in 1903.
	1902.	1903.		
ANIMAL MATTER.				
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Animals, live .....	44, 871, 684	34, 781, 193	.....	10, 090, 491
Dairy products.....	7, 104, 770	4, 775, 582	.....	2, 329, 188
Meat and meat products.....	195, 896, 862	178, 456, 536	.....	17, 440, 326
Other animal matter.....	2, 942, 535	2, 983, 942	41, 407	.....
Total animal matter .....	250, 815, 851	220, 997, 253	.....	29, 818, 598
VEGETABLE MATTER.				
Coffee .....	3, 281, 098	3, 385, 867	104, 769	.....
Cotton .....	291, 598, 356	317, 065, 271	25, 466, 915	.....
Fruits and nuts .....	8, 719, 344	18, 057, 677	9, 338, 333	.....
Glucose and grape sugar .....	2, 319, 286	2, 460, 022	140, 736	.....
Grain and grain products.....	213, 401, 238	221, 495, 086	8, 093, 848	.....
Hay .....	2, 580, 622	828, 483	.....	1, 752, 139
Hops .....	1, 550, 657	1, 909, 951	359, 294	.....
Liquors, alcoholic .....	4, 413, 662	3, 484, 007	.....	929, 655
Oil cake, and oil-cake meal.....	19, 943, 198	19, 839, 279	.....	103, 919
Oils, vegetable.....	15, 308, 633	16, 234, 362	925, 729	.....
Seeds .....	8, 027, 824	9, 455, 283	1, 427, 459	.....
Sugar, molasses, and sirup.....	2, 771, 835	2, 569, 241	.....	202, 594
Tobacco .....	27, 103, 996	35, 250, 893	8, 146, 897	.....
Vegetables .....	2, 546, 287	2, 543, 488	.....	2, 799
Other vegetable matter, excluding forest products .....	2, 731, 646	2, 903, 288	171, 642	.....
Total vegetable matter, excluding forest products .....	606, 297, 682	657, 482, 198	51, 184, 516	.....
FOREST PRODUCTS:				
Naval stores—				
Rosin .....	4, 202, 104	4, 817, 205	615, 101	.....
Turpentine, spirits of .....	7, 431, 248	8, 014, 322	583, 074	.....
Other .....	100, 210	87, 181	.....	13, 029
Total naval stores.....	11, 733, 562	12, 918, 708	1, 185, 146	.....
Wood—				
Timber—				
Round .....	3, 343, 908	4, 506, 728	1, 162, 820	.....
Hewn .....	1, 030, 687	787, 082	.....	243, 605
Sawed .....	5, 225, 003	7, 462, 111	2, 237, 108	.....
Total timber .....	9, 599, 598	12, 755, 921	3, 156, 323	.....
Lumber—				
Boards, deals, and planks.....	16, 978, 322	20, 965, 328	3, 987, 006	.....
Shooks .....	1, 498, 919	1, 609, 025	110, 106	.....
Staves .....	3, 850, 432	4, 740, 080	910, 248	.....
Other .....	4, 254, 887	4, 601, 330	346, 443	.....
Total lumber .....	26, 562, 560	31, 916, 363	5, 353, 803	.....
Total wood .....	36, 162, 158	44, 672, 284	8, 510, 126	.....
All other.....	1, 033, 044	690, 132	.....	342, 912
Total forest products.....	48, 928, 764	58, 281, 124	9, 352, 360	.....
Total vegetable matter, including forest products .....	655, 226, 446	715, 763, 322	60, 536, 876	.....
Total animal and vegetable matter, excluding forest products .....	857, 113, 533	878, 479, 451	21, 365, 918	.....
Total domestic exports of farm and forest products .....	906, 042, 297	936, 760, 575	30, 718, 278	.....



## IMPORTS of farm and forest products into the United States, 1902 and 1903.

Imported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
ANIMAL MATTER.				
Animals, live:		<i>Dollars.</i>		<i>Dollars.</i>
Cattle—				
For breeding purposes <sup>a</sup> .....do....	1,928	375,096	1,481	225,875
Other.....do.....	94,099	1,233,626	64,694	935,673
Total cattle.....do.....	96,027	1,608,722	66,175	1,161,548
Horses—				
For breeding purposes <sup>a</sup> .....do....	2,944	1,273,607	2,803	1,191,611
Other.....do.....	1,888	303,627	2,196	314,685
Total horses.....do.....	4,832	1,577,234	4,999	1,536,296
Sheep—				
For breeding purposes.....do....	2,059	46,663	1,737	38,037
Other.....do.....	264,894	913,047	299,886	998,897
Total sheep.....do.....	266,953	956,710	301,623	1,036,934
All other, including fowls.....do....		481,865		799,067
Total live animals.....do.....		4,624,531		4,533,845
Beeswax.....pounds.....	408,706	115,937	488,576	127,220
Bladders, other than fish.....do....		( <i>b</i> )		34,019
Bones, hoofs, and horns.....do.....		692,634		619,239
Bristles:				
Crude, unsorted.....pounds.....	40,537	28,446	34,239	13,069
Sorted, bunched, or prepared.....do....	1,972,572	2,018,885	3,009,806	2,641,735
Total bristles.....do.....	2,013,109	2,047,331	3,044,045	2,654,804
Cochineal.....do.....	138,821	24,865	112,714	24,215
Dairy products:				
Butter <sup>c</sup> .....do.....	453,978	80,725	207,007	51,564
Cheese <sup>c</sup> .....do.....	17,067,714	2,551,366	20,671,384	3,183,224
Milk.....do.....		33,457		42,696
Total.....do.....		2,665,548		3,277,484
Eggs.....dozens.....	384,070	37,432	368,482	29,757
Egg yolks.....do.....		6,869		25,795
Feathers and downs, crude.....do....		2,032,566		2,476,659
Fibers, animal:				
Silk—				
Cocoons.....pounds.....	4,118	1,695	259	158
Raw, or as reeled from the co- coon.....pounds.....	12,620,682	41,714,331	13,637,206	49,002,597
Waste.....do.....	1,610,026	919,325	1,633,394	1,008,295
Total silk.....do.....	14,234,826	42,635,351	15,270,859	50,011,050
Wool, and hair of the camel, goat, alpaca, and like animals—				
Class 1—Clothing.....pounds.....	66,131,670	7,927,919	42,202,121	7,488,394
Class 2—Combing.....do.....	6,091,024	1,071,866	15,233,113	2,833,435
Class 3—Carpet.....do.....	94,354,272	8,712,003	119,702,562	11,831,132
Total wool.....do.....	166,576,966	17,711,788	177,137,796	22,152,961
Total animal fibers.....do.....	180,811,792	60,347,139	192,408,655	72,164,011
Glue.....pounds.....	4,787,762	477,036	5,560,616	602,077
Gut.....do.....		15,826		101,827
Hair.....do.....		1,980,319		2,702,734
Hide cuttings and other glue stock.....do....		696,439		834,421

<sup>a</sup> Including teams of immigrants.<sup>b</sup> Not stated.<sup>c</sup> Including substitutes for.

## IMPORTS of farm and forest products into the United States, 1902 and 1903—Continued.

Imported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
ANIMAL MATTER—continued.				
Hides and skins, <sup>a</sup> other than furs:		<i>Dollars.</i>		<i>Dollars.</i>
Cattle hides.....pounds..	148,627,907	17,474,039	131,640,325	16,159,902
Goatskins.....do.....	88,038,516	25,478,179	85,114,070	24,928,729
Other.....do.....	89,457,680	15,054,400	102,340,303	16,942,982
Total.....do.....	326,124,103	58,006,618	319,094,698	58,031,613
Honey.....gallons..	167,301	56,383	287,696	115,400
Meat and meat products:				
Meat—				
Sausages, bologna.....		109,791		111,647
Other, including meat extracts.....		464,745		719,250
Total meat.....		574,536		830,897
[Meat products—				
Grease <sup>b</sup> .....		981,494		876,246
Oils.....gallons..	161,306	29,060	261,421	50,641
Rennets.....		93,358		76,785
Sausage casings.....		754,588		963,495
Stearin.....pounds..	7,634,293	492,287	10,481,807	1,097,450
Other.....		380,403		706,802
Total meat products.....		2,731,190		3,771,119
Total meat and meat products.....		3,305,726		4,602,316
Oils, animal. (See Meat and meat products.)				
Total animal matter.....		137,133,199		152,957,236
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS.				
Argols, or wine lees.....pounds..	29,276,148	2,263,588	29,966,557	2,734,027
Breadstuffs. (See Grain and grain products.)				
Broom corn.....tons..	5	553	3	288
Cider.....gallons..	8,006	7,159	4,871	4,751
Cocoa and chocolate:				
Cocoa—				
Crude, and leaves and shells of, pounds.....	51,379,396	6,656,504	63,351,294	7,820,087
Prepared or manufactured, pounds.....	973,970	295,921	1,004,766	292,522
Total cocoa.....pounds..	52,353,366	6,952,425	64,356,060	8,112,609
Chocolate.....do.....	525,221	101,536	690,824	144,832
Total cocoa and chocolate.do....	52,878,587	7,053,961	65,046,884	8,257,441
Coffee.....do.....	1,091,004,252	70,982,155	915,086,380	59,200,749
Coffee substitutes:				
Chicory root—				
Raw, unground.....pounds..	238,272	4,687	1,411,202	27,967
Roasted, ground, or otherwise prepared.....pounds..	298,671	10,451	442,311	17,493
Total chicory roots.....do....	536,943	15,138	1,853,513	45,460
Other.....do.....	400,527	20,499	450,643	23,613
Total coffee substitutes.....do....	937,470	35,637	2,304,156	69,073
Curry and curry powder.....		9,010		9,112
Fibers, vegetable:				
Cotton.....pounds..	98,715,680	11,712,170	74,874,426	10,892,591
Flax.....tons..	7,772	2,094,915	8,155	2,028,012
Hemp.....do.....	6,054	1,013,911	4,919	821,261
Isle, or Tampico fiber.....do....	7,819	495,254	14,670	1,086,682
Jute and jute butts.....do....	128,963	4,447,987	79,703	3,358,825

<sup>a</sup> Excluding sheepskins with the wool on, and also bird skins and fishskins.<sup>b</sup> Including oils used for soap making, wire drawing, and leather manufactures.

## IMPORTS of farm and forest products into the United States, 1902 and 1903—Continued.

Imported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS—continued.				
Fibers, vegetable—Continued.		<i>Dollars.</i>		<i>Dollars.</i>
Manila hemp ..... tons..	56,453	10,555,272	61,648	11,885,510
Sisal grass.....do.....	89,583	11,961,213	87,025	13,289,444
Other.....do.....	9,083	977,410	16,075	1,992,779
Total.....		43,258,132		45,355,104
Flowers, natural.....		30,382		31,577
Fruit juices, n. e. s.:				
Prune juice or prune wine...gallons..	42,817	32,925	53,135	40,435
Other, including cherry juice...do....	29,108	15,114	32,810	16,709
Total.....do.....	71,925	48,039	85,945	57,144
Fruits and nuts:				
Fruits—				
Fresh or dried—				
Bananas.....		7,307,437		8,541,156
Currants.....pounds..	36,238,976	1,238,756	33,878,209	743,644
Dates.....do.....	20,013,681	344,833	21,681,159	486,151
Figs.....do.....	11,087,131	487,733	16,482,142	775,917
Lemons.....do.....	164,075,309	3,320,359	152,004,213	3,079,221
Oranges.....do.....	52,742,476	784,640	56,872,070	818,780
Plums and prunes.....do.....	522,478	44,077	633,819	63,218
Raisins.....do.....	6,683,545	399,973	6,715,675	476,844
Other <sup>a</sup> .....		2,053,588		2,353,864
Total fresh or dried.....		15,981,396		17,338,795
Prepared or preserved <sup>b</sup> .....		1,454,788		1,521,443
Total fruits.....		17,436,184		18,860,238
Nuts—				
Almonds.....pounds..	9,868,982	1,240,886	8,142,164	1,337,717
Cocanuts.....do.....		832,383		908,242
Walnuts.....pounds..	( <sup>c</sup> )	( <sup>d</sup> )	12,362,567	1,106,033
Other.....		1,971,072		1,514,406
Total nuts.....		4,044,341		4,866,398
Total fruits and nuts.....		21,480,525		23,726,636
Ginger, preserved or pickled.....pounds..	660,494	28,194	569,292	23,810
Grain and grain products:				
Grain—				
Barley.....bushels..	57,406	33,221	56,462	30,201
Corn (maize).....do.....	18,278	13,418	40,919	29,966
Oats.....do.....	25,812	12,085	137,416	45,899
Rye.....do.....	88	97	838	430
Wheat.....do.....	118,612	78,640	1,077,424	669,419
Total grain.....do.....	220,196	137,461	1,313,059	775,915
Grain products—				
Meal and flour—				
Oatmeal.....pounds..	236,981	13,628	227,681	13,685
Wheat flour.....bbls..	420	2,610	601	4,489
Total meal and flour.....		16,238		18,174
Malt, barley.....bushels..	3,019	2,929	2,468	3,029
Macaroni, vermicelli, etc.pounds..	( <sup>c</sup> )	( <sup>c</sup> )	28,787,821	1,171,887
Other <sup>e</sup> .....		1,380,658		438,963
Total grain products.....		1,399,825		1,632,053
Total grain and grain products.....		1,537,286		2,407,968

<sup>a</sup>Including orange and lemon peel not preserved, candied, or dried.<sup>b</sup>Including edible fruits, dried.<sup>c</sup>Not stated.<sup>d</sup>Included in other nuts.<sup>e</sup>Including buckwheat, buckwheat flour, corn meal, rye flour, bran and mill feed, and breadstuff preparations

## IMPORTS of farm and forest products into the United States, 1902 and 1903—Continued.

Imported products.	Year ending June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS—continued.		<i>Dollars.</i>		<i>Dollars.</i>
Hay.....tons..	48,415	381,417	293,112	2,238,106
Hops.....pounds..	2,805,293	833,702	6,012,510	1,808,491
Indigo.....do....	3,057,673	1,035,980	4,532,458	1,202,451
Licorice root.....do....	109,077,323	1,926,903	88,580,611	1,545,167
Liquors, alcoholic:				
Distilled spirits—				
Of domestic manufacture, re-				
turned.....proof gallons..	805,212	749,687	819,591	846,404
Brandy.....do....	316,222	911,419	348,878	1,000,997
Other.....do....	1,909,887	2,784,048	2,061,057	2,987,179
Total distilled spirits.....do....	3,031,321	4,445,154	3,229,526	4,834,580
Malt liquors—				
Unbottled.....gallons..	2,553,105	718,383	2,966,343	835,694
Bottled.....do....	1,198,406	1,161,965	1,292,475	1,252,047
Total malt liquors.....do....	3,751,511	1,880,348	4,258,818	2,087,741
Wines—				
Champagne and other sparkling,				
doz. qts.....	335,256	4,930,768	407,944	5,861,639
Still wines—				
Unbottled.....gallons..	3,300,026	2,143,433	3,753,211	2,292,297
Bottled.....doz. qts..	397,818	1,846,987	440,869	2,095,360
Total still wines.....		3,990,370		4,387,657
Total wines.....		8,921,138		10,249,296
Total alcoholic liquors.....		15,246,640		17,171,617
Malt extract, fluid or solid.....		3,683		3,008
Malt liquors. (See Liquors, alcoholic.)				
Nursery stock:				
Plants, trees, shrubs, vines, etc.....		1,172,023		1,371,588
Subtropical plants, etc., for propaga-		547		1,610
tion.....				
Total nursery stock.....		1,172,570		1,373,198
Oil cake.....pounds..	2,614,059	20,740	3,827,014	30,286
Oils, vegetable:				
Fixed or expressed—				
Olive, salad.....gallons..	1,339,097	1,579,409	1,494,132	1,736,648
Other.....		5,046,811		7,750,712
Total fixed or expressed.....		6,626,220		9,487,360
Volatile, or essential.....		2,092,371		2,156,331
Total vegetable oils.....		8,718,591		11,643,691
Opium, crude.....pounds..	534,189	1,216,202	516,570	1,019,909
Rice, rice meal, etc.:				
Rice.....do....	75,674,776	1,596,210	78,317,310	1,732,238
Rice flour, rice meal, and broken rice,				
pounds.....	81,984,118	1,330,711	91,338,974	1,329,235
Total.....pounds..	157,658,894	2,926,921	169,656,284	3,061,473
Sago, tapioca, etc.....		545,938		618,221
Seeds:				
Flaxseed, or linseed.....bushels..	477,157	724,082	129,089	194,024
Other.....		2,528,070		2,637,255
Total.....		3,252,152		2,831,279



## IMPORTS of farm and forest products into the United States, 1902 and 1903—Continued.

Imported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS—continued.				
Spices:		<i>Dollars.</i>		<i>Dollars.</i>
Unground—				
Nutmegs ..... pounds..	1,841,614	339,685	2,365,624	444,643
Pepper, black or white ..... do....	16,046,179	1,752,345	21,832,675	2,296,221
Other <i>a</i> ..... do....	15,134,481	1,146,246	22,464,192	1,590,778
Total unground..... do....	33,022,274	3,238,276	46,662,491	4,331,642
Ground <i>b</i> ..... do....	4,460,841	446,566	4,538,688	483,483
Total spices ..... do....	37,483,115	3,685,242	51,201,179	4,815,125
Spirits, distilled. ( <i>See</i> Liquors, alcoholic.)				
Starch ..... pounds..	11,714,931	235,645	10,540,905	205,949
Straw ..... tons..	2,986	11,723	3,303	12,832
Sugar and molasses:				
Molasses ..... gallons..	14,391,215	1,037,696	17,240,399	1,124,710
Sugar—				
Raw <i>c</i> —				
Beet ..... pounds..	255,030,219	4,202,044	87,130,805	1,223,023
Cane ..... do....	2,685,792,937	48,684,775	4,075,635,121	69,740,051
Total raw ..... do....	2,940,823,156	52,886,819	4,162,765,926	70,963,074
Refined <i>d</i> ..... do....	91,092,719	2,174,278	53,342,180	1,125,899
Total sugar ..... do....	3,031,915,875	55,061,097	4,216,108,106	72,088,973
Total sugar and molasses .....		56,098,793		73,213,683
Tea ..... pounds..	75,579,125	9,390,128	108,574,905	15,659,229
Tobacco:				
Wrapper ..... pounds..	5,729,879	5,084,606	6,314,359	4,669,932
Filler and other leaf <i>e</i> ..... do....	23,698,958	10,127,065	27,702,597	12,564,983
Total ..... do....	29,428,837	15,211,671	34,016,956	17,234,915
Vanilla beans..... do....	361,739	859,399	521,689	1,032,654
Vegetables:				
Fresh or dried—				
Beans and dried pease . . bushels..	881,966	1,152,177	1,088,665	1,420,334
Onions ..... do....	796,316	608,673	925,599	699,657
Potatoes ..... do....	7,656,162	3,160,801	358,505	238,445
Other ..... do....		536,581		497,666
Total fresh or dried .....		5,452,232		2,856,102
Prepared or preserved—				
Pickles and sauces .....		480,342		537,356
Other ..... do....		1,101,261		1,187,897
Total prepared or preserved.....		1,581,603		1,725,253
Total vegetables.....		7,039,835		4,581,355
Vinegar ..... gallons..	168,195	45,754	152,524	42,656
Wafers, unmedicated .....		17,108		19,111
Wines. ( <i>See</i> Liquors, alcoholic.)				
Total vegetable matter, excluding forest products .....		276,611,358		333,242,089
FOREST PRODUCTS:				
Cinchona bark <i>f</i> ..... pounds..	3,723,303	649,764	3,978,850	549,753
Cork wood or cork bark.....		1,816,107		1,737,366

*a* Exclusive of dutiable unground.*b* Including dutiable unground.*c* Not above No. 16 Dutch standard in color.*d* Including raw sugar above No. 16 Dutch standard in color and also maple sugar and sirup.*e* Including stems.*f* Including other bark from which quinine may be extracted.



## IMPORTS of farm and forest products into the United States, 1902 and 1903—Continued.

Imported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS—continued.				
FOREST PRODUCTS—Continued.				
Dyewoods, and extracts of—				
Dyewoods—		<i>Dollars.</i>		<i>Dollars.</i>
Logwood.....tons.....	52,657	774,380	51,008	748,550
Other.....		171,120		401,849
Total dyewoods.....		945,500		1,150,399
Extracts and decoctions of, pounds.....	2,991,631	213,404	3,723,133	267,371
Total dyewoods and extracts of.....		1,158,904		1,417,770
Gums, not elsewhere specified—				
Arabic.....pounds.....	4,269,251	341,714	3,905,053	265,386
Camphor, crude.....do.....	1,831,058	576,405	2,472,440	764,403
Chicle.....do.....	4,574,605	936,065	4,282,247	954,389
Copal, cowrie, and dammar.do.....	20,523,109	2,261,206	27,653,928	2,938,754
Gambier, or terra japonica.do.....	28,453,802	1,162,233	42,537,348	2,034,511
Shellac.....do.....	9,064,789	1,605,068	11,590,725	2,715,687
Other.....		861,492		923,517
Total.....		7,744,183		10,594,647
Hemlock bark.....cords.....	24,971	103,930	17,040	75,283
India rubber, gutta-percha, etc.—				
Gutta-joolatong, or East Indian gum.....pounds.....	16,850,821	501,418	13,984,817	345,431
Gutta-percha.....do.....	525,767	252,329	316,290	222,400
India rubber.....do.....	50,413,481	24,899,230	55,010,571	30,436,710
Total.....do.....	67,790,069	25,652,977	69,311,678	31,004,541
Ivory, vegetable.....do.....	14,699,215	165,489	17,194,434	192,093
Naval stores—				
Tar and pitch (of wood).....barrels.....	1,660	8,796	1,242	6,004
Turpentine, spirits of.....gallons.....	8,457	2,814	16,705	6,020
Total.....		11,610		12,024
Palm leaf, natural.....		10,905		5,339
Sumac, ground.....pounds.....	9,182,917	145,776	12,858,547	187,186
Tanning materials, n. e. s.....		47,500		56,401
Wood, not elsewhere specified—				
Cabinet woods, unsawed—				
Mahogany.....M feet.....	44,795	2,361,483	48,387	2,783,679
Other.....		999,792		1,251,621
Total cabinet woods.....		3,361,275		4,035,300
Timber—				
Round, including logs.M feet.....	106,171	907,168	73,836	637,881
Hewn, squared, or sided, cubic feet.....	129,183	18,027	207,554	41,131
Total timber.....		925,195		679,012
Lumber—				
Boards, deals, planks, and othersawed lumber.M feet.....	665,603	9,271,090	720,937	10,673,317
Shingles.....do.....	707,614	1,362,821	724,131	1,494,906
Other.....		1,380,973		1,753,532
Total lumber.....		12,014,884		13,921,755
All other.....		3,319,458		3,621,782
Total wood, n. e. s.....		19,620,812		22,257,849

**IMPORTS** of farm and forest products into the United States, 1902 and 1903—Continued.

Imported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS—continued.				
FOREST PRODUCTS—Continued.		<i>Dollars.</i>		<i>Dollars.</i>
Wood pulp ..... tons..	67, 416	2, 059, 092	116, 881	3, 887, 770
Total forest products .....		59, 187, 049		71, 478, 022
Total vegetable matter including forest products .....		335, 798, 407		374, 720, 111
Total animal and vegetable matter excluding forest products .....		413, 744, 557		456, 199, 825
Total imports of farm and forest products.....		472, 931, 606		527, 677, 347

**Domestic EXPORTS** of farm and forest products from the United States during the fiscal years 1902 and 1903.

Exported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
ANIMAL MATTER.				
Animals, live:		<i>Dollars.</i>		<i>Dollars.</i>
Cattle ..... number..	392, 884	29, 902, 212	402, 178	29, 848, 936
Hogs ..... do.	8, 368	88, 330	4, 031	40, 923
Horses ..... do.	103, 020	10, 048, 046	34, 007	3, 152, 159
Mules ..... do.	27, 586	2, 692, 298	4, 294	521, 725
Sheep ..... do.	358, 720	1, 940, 060	176, 961	1, 067, 860
Other, including fowls .....		200, 738		149, 590
Total .....		44, 871, 684		34, 781, 193
Beeswax ..... pounds..	125, 283	36, 541	70, 811	21, 337
Bones, hoofs, horns, and horn tips, strips, and waste .....		163, 180		193, 817
Bristles .....		17		515
Dairy products:				
Butter ..... pounds..	16, 002, 169	2, 885, 609	8, 896, 166	1, 604, 327
Cheese ..... do.	27, 203, 184	2, 745, 597	18, 987, 178	2, 250, 229
Milk .....		1, 473, 564		921, 026
Total .....		7, 104, 770		4, 775, 582
Eggs ..... dozens..	2, 717, 990	528, 679	1, 517, 189	325, 571
Egg yolks .....		14, 700		48, 108
Feathers .....		239, 756		141, 257
Fibers, animal:				
Silk waste ..... pounds..	81, 477	9, 759	129, 850	19, 013
Wool ..... do.	123, 278	13, 369	518, 919	71, 818
Total.....do.	204, 755	23, 128	648, 769	90, 831
Glue ..... do.	2, 907, 632	284, 413	2, 569, 164	253, 768
Hair <sup>a</sup> .....		633, 337		616, 133
Hides and skins, other than furs. . pounds..	9, 372, 747	906, 504	12, 859, 549	1, 224, 409
Honey .....		106, 112		64, 220
Meat and meat products:				
Meat—				
Beef—				
Fresh ..... pounds..	301, 824, 473	29, 045, 056	254, 795, 963	25, 013, 323
Cured—				
Salted or pickled.....do.	48, 632, 727	3, 031, 027	52, 801, 220	3, 814, 671
Other ..... do.	818, 382	72, 886	1, 126, 032	102, 184
Total cured.....do.	49, 451, 109	3, 103, 863	53, 927, 252	3, 916, 855

<sup>a</sup>Including manufactures of.

*Domestic EXPORTS of farm and forest products from the United States during the fiscal years 1902 and 1903—Continued.*

Exported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
ANIMAL MATTER—continued.				
Meat and meat products—Continued.				
Meat—Continued.				
Beef—Continued.		<i>Dollars.</i>		<i>Dollars.</i>
Canned.....pounds..	66,645,838	6,646,130	76,307,114	7,916,928
Total beef.....do..	417,921,420	38,795,049	385,030,329	36,847,106
Pork—				
Fresh.....do..	44,171,674	3,652,464	20,966,113	2,035,491
Cured—				
Bacon.....do..	383,150,624	35,449,797	207,336,000	22,178,525
Hams.....do..	227,653,232	25,222,744	214,183,365	25,712,633
Salted or pickled.....do..	115,896,275	10,117,562	95,287,374	9,959,762
Total cured.....do..	726,700,131	70,790,103	516,806,739	57,850,920
Canned.....do..	9,603,882	832,910	13,590,897	1,369,687
Total pork.....do..	780,475,687	75,275,477	551,363,749	61,256,098
Mutton.....do..	430,351	37,067	6,144,020	532,476
Poultry and game.....		856,801		1,079,056
Sausage and sausage meat, pounds.....	7,137,297	726,437	5,264,648	585,088
Canned meat, n. e. s.....		1,801,385		1,831,940
Total meat.....		117,492,216		102,131,764
Meat products—				
Grease, grease scraps, and other soap stock.....		2,610,925		2,926,565
Lard.....pounds..	556,840,222	52,375,864	490,755,821	50,854,504
Lard compounds <sup>a</sup> .....do..	36,201,744	2,687,653	46,130,004	3,607,542
Oils—				
Lard oil.....gallons..	460,035	327,794	356,658	306,334
Oleo oil.....pounds..	138,546,088	12,254,969	126,010,339	11,981,888
Other.....gallons..	352,201	201,535	221,669	159,505
Total oils.....		12,784,298		12,447,727
Oleomargarine (imitation butter), pounds.....	5,721,254	601,521	7,645,652	798,273
Sausage casings.....		1,795,044		1,964,524
Tallow.....pounds..	34,065,758	1,924,577	27,368,924	1,623,832
Other <sup>b</sup> .....		3,624,764		2,101,785
Total meat products.....		78,404,646		76,324,772
Total meat and meat products.....		195,896,862		178,456,536
Oils, animal. ( <i>See</i> Meat and meat products.)				
Quills.....		6,168		3,976
Silk waste. ( <i>See</i> Fibers, animal.)				
Wool. ( <i>See</i> Fibers, animal.)				
Total animal matter.....		250,815,851		220,997,253
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS.				
Breadstuffs. ( <i>See</i> Grain and grain products.)				
Broom corn.....		244,358		211,253
Broom root (rice root).....		1,798		( <sup>c</sup> )
Cider.....gallons..	121,066	21,869	598,119	84,084
Cocoa, ground or prepared, and chocolate.....		166,245		213,476
Coffee:				
Green or raw.....pounds..	27,088,368	3,209,946	29,233,837	3,295,968
Roasted or prepared.....do..	443,985	71,152	535,108	89,899
Total.....do..	27,532,353	3,281,098	29,768,945	3,385,867

<sup>a</sup>Including stearin, and also cottolene and lardine.

<sup>b</sup>Including meat, if any, not elsewhere specified.

<sup>c</sup>Not stated.

*Domestic EXPORTS of farm and forest products from the United States during the fiscal years 1902 and 1903—Continued.*

Exported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS—continued.				
Cotton:		<i>Dollars.</i>		<i>Dollars.</i>
Sea island.....	bales..... 31,771	2,486,907	{ 51,688	4,038,370
	pounds.. 12,231,680		{ 20,205,080	
Upland.....	bales..... 6,841,921		{ 6,886,591	
	pounds.. 3,488,547,083		{ 3,522,837,942	
Waste cotton.....	pounds.. 28,195,873	946,537	26,098,947	884,842
Total.....do.....	3,528,974,636	291,598,356	3,569,141,969	317,065,271
Flowers, cut.....		4,788		5,290
Fruits and nuts:				
Fruits—				
Fresh or dried—				
Apples—				
Fresh.....	barrels.. 459,719	1,628,886	1,656,129	4,381,801
Dried.....	pounds.. 15,664,468	1,190,593	33,646,297	2,378,635
Apricots, dried.....	do..... 1,928,367	178,143	9,190,081	713,887
Oranges.....	do.....	420,835		465,397
Prunes.....	pounds.. 23,358,849	1,404,422	66,385,215	3,512,507
Raisins.....	do..... 2,323,274	149,216	4,289,028	284,530
Other.....	do.....	2,153,050		4,215,034
Total fresh or dried.....		7,125,145		15,951,791
Preserved—				
Canned.....	do.....	1,195,635		1,739,571
Other.....	do.....	94,323		66,757
Total preserved.....		1,289,958		1,806,328
Total fruits.....		8,415,103		17,758,119
Nuts.....		304,241		299,558
Total fruits and nuts.....		8,719,344		18,057,677
Ginseng.....	pounds.. 154,063	856,515	151,985	796,008
Glucose and grape sugar.....	do..... 130,419,611	2,319,286	126,239,981	2,460,022
Grain and grain products:				
Grain—				
Barley.....	bushels.. 8,714,268	3,995,303	8,429,141	4,662,544
Buckwheat.....	do..... 719,615	449,917	117,953	75,713
Corn (maize).....	do..... 26,636,552	16,185,673	74,833,237	40,540,637
Oats.....	do..... 9,971,139	4,153,238	4,613,809	1,850,728
Rye.....	do..... 2,697,863	1,581,491	5,422,731	3,143,910
Wheat.....	do..... 154,856,102	112,875,222	114,181,420	87,795,104
Total grain.....do.....	203,595,539	139,240,844	207,598,291	138,068,636
Grain products—				
Meal and flour—				
Corn meal.....	barrels.. 348,034	1,046,643	451,506	1,382,127
Oatmeal.....	pounds.. 59,516,512	1,617,298	67,823,935	1,839,106
Rye flour.....	do..... 2,369	8,403	3,757	12,818
Wheat flour.....	do..... 17,759,203	65,661,974	19,716,484	73,756,404
Total meal and flour.....		68,334,318		76,990,455
Bran, middlings, and mill feed, tons.....	48,980	962,595	49,513	945,053
Malt.....	bushels.. 401,375	266,894	347,147	252,801
Distillery and brewery refuse, tons.....	66,846	1,157,636	73,104	1,320,065
Breadstuff preparations—				
Bread and biscuit.....	pounds.. 11,641,411	604,136	11,104,575	589,536
Other.....	do.....	2,205,018		2,667,409
Total breadstuff preparations.....		2,809,154		3,256,945
All other.....		629,797		661,131
Total grain products.....		74,160,394		83,426,450
Total grain and grain products.....		213,401,238		221,495,086



*Domestic* **EXPORTS** of farm and forest products from the United States during the fiscal years 1902 and 1903—Continued.

Exported products.	Year ending June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS—continued.		<i>Dollars.</i>		<i>Dollars.</i>
Grasses, dried .....		18, 001		15, 294
Hay .....	153, 431 tons.	2, 580, 622	50, 974	828, 483
Hops .....	10, 715, 151 pounds.	1, 550, 657	7, 794, 705	1, 909, 951
Liquors, alcoholic:				
Distilled spirits—				
Alcohol, <sup>a</sup> including cognie spirits.....	367, 538 proof gallons..	220, 453	120, 697	23, 510
Brandy .....	24, 077 do.	30, 174	18, 117	19, 213
Rum .....	1, 095, 401 do.	1, 425, 920	1, 096, 719	1, 458, 333
Whisky—				
Bourbon .....	611, 518 do.	638, 061	169, 396	203, 137
Rye .....	155, 046 do.	275, 717	104, 236	223, 480
Total whisky .....	766, 564 do.	913, 778	273, 632	426, 617
Other .....	76, 384 do.	82, 950	48, 014	62, 358
Total distilled spirits .....	2, 329, 964 do.	2, 673, 275	1, 557, 179	1, 990, 091
Malt liquors—				
Unbottled.....	417, 025 gallons..	90, 769	400, 072	95, 758
Bottled.....	822, 899 dozen quarts..	1, 199, 293	759, 027	1, 082, 982
Total malt liquors.....		1, 290, 062		1, 178, 740
Wines—				
Unbottled.....	929, 900 gallons..	407, 345	678, 150	290, 552
Bottled.....	10, 952 dozen quarts..	42, 980	5, 232	24, 624
Total wines.....		450, 325		315, 176
Total alcoholic liquors .....		4, 413, 662		3, 484, 007
Malt liquors. (See Liquors, alcoholic.)				
Nursery stock .....		132, 027		158, 959
Oil cake and oil-cake meal:				
Corn .....	14, 740, 498 pounds..	164, 056	8, 093, 222	95, 568
Cotton-seed .....	1, 050, 466, 246 do.	12, 271, 009	1, 100, 392, 988	12, 732, 497
Flaxseed or linseed.....	582, 886, 875 do.	7, 508, 133	570, 908, 149	7, 011, 214
Total .....	1, 648, 093, 619	19, 943, 198	1, 679, 394, 359	19, 839, 279
Oils, vegetable:				
Fixed or expressed—				
Corn .....	4, 266, 398 gallons..	1, 769, 370	3, 788, 035	1, 467, 493
Cotton-seed .....	33, 042, 848 do.	12, 992, 393	35, 642, 994	14, 211, 244
Linseed .....	102, 116 do.	68, 617	182, 330	98, 116
Other.....		220, 372		169, 796
Total fixed or expressed.....		15, 050, 752		15, 946, 649
Volatile, or essential—				
Peppermint.....	36, 301 pounds..	54, 868	13, 033	34, 943
Other.....		202, 983		252, 770
Total volatile, or essential.....		257, 881		287, 713
Total vegetable oils .....		15, 308, 633		16, 234, 362
Rice, rice meal, etc.:				
Rice .....	615, 036 pounds..	29, 707	532, 092	27, 048
Rice bran, meal, and polish.....	28, 976, 238 do.	228, 010	19, 218, 356	122, 589
Total.....	29, 591, 274 do.	257, 717	19, 750, 448	149, 637
Rice root. (See Broom root.)				
Root beer .....	712 dozen quarts..	1, 014	949	834
Roots, herbs, and barks, n. e. s. ....		290, 692		320, 122

<sup>a</sup> Exclusive of wood alcohol.



*Domestic* **EXPORTS** of farm and forest products from the United States during the fiscal years 1902 and 1903—Continued.

Exported products.	Year ending June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
<b>VEGETABLE MATTER, INCLUDING FOREST PRODUCTS—continued.</b>				
Seeds:		<i>Dollars.</i>		<i>Dollars.</i>
Cotton.....pounds..	56,403,344	509,627	51,622,370	532,732
Flaxseed, or linseed.....bushels..	3,874,033	6,031,887	4,128,130	5,698,492
Grass seed—				
Clover.....pounds..	7,256,573	594,733	15,522,527	1,549,687
Timothy.....do..	5,966,986	373,046	18,289,917	853,829
Other.....do.....		315,556		581,773
Total grass seed.....do.....		1,283,335		2,985,289
All other seeds.....do.....		202,975		238,770
Total seeds.....do.....		8,027,824		9,455,283
Spices.....do.....		23,471		36,787
Spirits, distilled. ( <i>See</i> Liquors, alcoholic.)				
Starch.....pounds..	28,183,967	656,705	27,759,599	832,943
Straw.....do.....		5,092		1,747
Sugar, molasses, and sirup:				
Molasses.....gallons..	2,911,509	416,470	3,413,387	492,260
Sirup.....do.....	14,865,744	2,048,561	12,265,295	1,714,899
Sugar—				
Raw.....pounds..	359,402	14,089	99,101	3,545
Refined.....do.....	7,213,050	292,715	10,421,055	358,537
Total sugar.....do.....	7,572,452	306,804	10,520,156	362,082
Total sugar, molasses, and sirup.....do.....		2,771,835		2,569,241
Teasels.....do.....		23,161		34,258
Tobacco:				
Leaf.....pounds..	291,369,700	26,881,641	357,496,342	34,972,033
Stems and trimmings.....do.....	9,637,665	222,355	10,687,742	278,860
Total.....do.....	301,007,365	27,103,996	368,184,084	35,250,893
Vegetables:				
Fresh or dried—				
Beans and pease.....bushels..	324,481	636,345	232,841	530,875
Onions.....do.....	113,531	117,019	145,509	116,624
Potatoes.....do.....	528,484	564,550	843,075	552,533
Total fresh or dried.....do.....	966,496	1,317,914	1,221,425	1,200,032
Prepared or preserved—				
Canned.....do.....		560,612		597,759
Other <sup>a</sup> .....do.....		667,761		745,697
Total prepared or preserved.....do.....		1,228,373		1,343,456
Total vegetables.....do.....		2,546,287		2,543,488
Vinegar.....gallons..	95,675	19,754	103,417	18,072
Wines. ( <i>See</i> Liquors, alcoholic.)				
Yeast.....do.....		8,439		24,524
Total vegetable matter, excluding forest products.....do.....		606,297,682		657,482,198
<b>FOREST PRODUCTS:</b>				
Bark, and extracts of, for tanning.....do.....		288,012		239,786
Charcoal.....do.....		4,929		5,118
Naval stores:				
Rosin.....barrels..	2,535,962	4,202,104	23,964,498	4,817,205
Tar.....do.....	23,236	55,854	18,622	50,802
Turpentine and pitch.....do.....	18,370	44,356	15,972	36,379
Turpentine, spirits of.....gallons..	19,177,788	7,431,248	16,378,787	8,014,322
Total.....do.....		11,733,562		12,918,708

<sup>a</sup> Chiefly pickles, sauces, and relishes, but including also some fresh vegetables.

*Domestic EXPORTS of farm and forest products from the United States during the fiscal years 1902 and 1903—Continued.*

Exported products.	Year ended June 30—			
	1902.		1903.	
	Quantity.	Value.	Quantity.	Value.
VEGETABLE MATTER, INCLUDING FOREST PRODUCTS—continued.				
FOREST PRODUCTS—Continued.				
Wood—				
Timber—		<i>Dollars.</i>		<i>Dollars.</i>
Round <sup>a</sup> .....		3,343,908		4,506,728
Hewn .....	5,388,439	1,030,687	3,291,498	787,082
Sawed .....	412,750	5,225,003	530,659	7,462,111
Total timber .....		9,599,598		12,755,921
Lumber—				
Boards, deals, and planks, M feet .....	942,814	16,978,322	1,065,771	20,965,328
Joists and scantling ..M feet..	37,885	472,384	46,894	647,920
Shingles .....	33,224	86,799	38,211	86,245
Shooks—				
Box .....		700,035		779,777
Other .....	788,241	798,884	566,205	829,248
Total shooks .....		1,498,919		1,609,025
Staves and heading—				
Heading .....		123,376		134,383
Staves .....	46,998,512	3,830,432	53,879,010	4,740,680
Total staves and heading .....		3,953,808		4,875,063
Other .....		3,572,328		3,732,782
Total lumber .....		26,562,560		31,916,363
Total wood .....		36,162,158		44,672,284
Wood pulp .....	38,348,632	740,103	22,464,472	445,228
Total forest products .....		48,928,764		58,281,124
Total vegetable matter, including forest products .....		655,226,446		715,763,322
Total animal and vegetable matter, excluding forest products .....		857,113,533		878,479,451
Total domestic exports of farm and forest products .....		906,042,297		936,760,575

<sup>a</sup> Including unmanufactured wood not elsewhere specified.

## PUBLICATIONS OF THE DIVISION OF FOREIGN MARKETS.

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- No. 30.—Agricultural Imports of Germany, 1897-1901. (Exhausted.)
- No. 31.—Sources of the Agricultural Imports of the United States, 1898-1902.
- No. 32.—Distribution of the Agricultural Exports of the United States, 1898-1902.
- No. 33.—Foreign Trade of the United States in Forest Products, 1902.
- No. 34.—American Grain and Flour in the British Market.
- No. 35.—Foreign Import Tariffs on Meat and Meat Products, 1903.
- No. 36.—Foreign Import Tariffs on Fruit and Nuts, 1903.
- No. 37.—Foreign Import Tariffs on Grain and Grain Products, 1903.
- No. 38.—Agricultural Exports of the United States, 1851-1902.
- Circulars* (for free distribution; apply to the Secretary of Agriculture, Washington, D. C.):
- No. 1.—Peaches and Other Fruits in England. (Exhausted.)
- No. 2.—American Dried Apples in the German Empire.
- No. 3.—Imports and Exports for 1893 and 1894. (Exhausted.)
- No. 4.—An Example for American Farmers and Dairymen. (Exhausted.)
- No. 5.—The Treaty of Shimonoseki between China and Japan of April 17, 1895, and Our Possibilities of Trade with those Countries. (Exhausted.)
- No. 6.—Imports and Exports for 1893, 1894, and 1895. (Exhausted.)
- No. 7.—Extension of Markets for American Feed Stuffs.
- No. 8.—The Manchester District of England as a Market for American Products.
- No. 9.—Imports and Exports for 1893, 1894, 1895, and 1896. (Exhausted.)
- No. 10.—Course of Wheat Production and Exportation in the United States, Canada, Argentina, Uruguay, Russia, and British India from 1880 to 1896.
- No. 11.—Agricultural Products Imported and Exported by the United States in the Years Ended June 30, 1892 to 1896, Inclusive. (Exhausted.)

No. 12.—Sources of the Principal Agricultural Imports of the United States during the Five Years Ended June 30, 1896. (Exhausted.)

No. 13.—Distribution of the Principal Agricultural Exports of the United States during the Five Years Ended June 30, 1896. (Exhausted.)

No. 14.—Hamburg as a Market for American Products.

No. 15.—Exports of Cotton from Egypt.

No. 16.—Our Trade with Cuba from 1887 to 1897.

No. 17.—United States Wheat for Eastern Asia.

No. 18.—Hawaiian Commerce from 1887 to 1897.

No. 19.—Austria-Hungary as a Factor in the World's Grain Trade; Recent Use of American Wheat in that Country.

No. 20.—Agricultural Imports and Exports, 1893-1897.

No. 21.—Agricultural Imports and Exports, 1894-1898.

No. 22.—Agricultural Imports and Exports, 1895-1899.

No. 23.—Agricultural Imports and Exports, 1896-1900.

No. 24.—Agricultural Imports and Exports, 1897-1901.

No. 25.—Our Foreign Trade in Agricultural Products, 1902.

No. 26.—Belgium's Foreign Trade in Agricultural Products for 1902.